

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
 Data File : PL094683.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 13 Mar 2025 17:20
 Operator : AR\AJ
 Sample : PB167091BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 ECD_L
 ClientSampleId :
 PB167091BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 03/14/2025
 Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Mar 14 11:12:23 2025
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
 Quant Title : GC Extractables
 QLast Update : Tue Mar 11 17:42:21 2025
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
 Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	3.537	2.769	54396223	74071628	19.217	20.753
28)	SA Decachlor...	9.051	7.903	51398003	80936186	24.389	20.037
Target Compounds							
2)	A alpha-BHC	3.994	3.271	180.3E6	259.4E6	43.420	48.117
3)	MA gamma-BHC...	4.326	3.601	173.5E6	244.4E6	43.481	47.558
4)	MA Heptachlor	4.914	3.939	166.9E6	249.9E6	43.004	47.423
5)	MB Aldrin	5.255	4.218	159.0E6	231.6E6	43.073	47.498
6)	B beta-BHC	4.525	3.901	78708436	108.8E6	42.655	48.997
7)	B delta-BHC	4.772	4.130	179.7E6	245.7E6	46.133	49.128
8)	B Heptachlo...	5.682	4.721	148.7E6	221.0E6	44.447	48.270
9)	A Endosulfan I	6.067	5.090	137.2E6	210.7E6	44.680	48.015
10)	B gamma-Chl...	5.938	4.971	149.5E6	233.1E6	44.360	48.283
11)	B alpha-Chl...	6.017	5.034	146.7E6	229.3E6	44.483	48.047
12)	B 4,4'-DDE	6.191	5.221	142.5E6	233.9E6	48.434	50.325m
13)	MA Dieldrin	6.342	5.354	144.7E6	236.6E6	45.247	48.757
14)	MA Endrin	6.572	5.630	125.9E6	214.6E6	45.426	49.180
15)	B Endosulfa...	6.792	5.925	127.6E6	208.9E6	47.013	48.257
16)	A 4,4'-DDD	6.709	5.778	111.5E6	185.4E6	51.488	51.563
17)	MA 4,4'-DDT	7.022	6.028	118.6E6	206.1E6	49.879	51.120
18)	B Endrin al...	6.923	6.104	99371539	163.6E6	47.073	48.602
19)	B Endosulfa...	7.156	6.327	117.2E6	204.8E6	48.177	50.278
20)	A Methoxychlor	7.498	6.603	63553076	109.1E6	53.090	51.416
21)	B Endrin ke...	7.642	6.831	132.5E6	235.1E6	50.145	49.253m
22)	Mirex	8.114	7.010	98074894	173.2E6	47.464	45.642m

(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_L\Data\PL031325\
Data File : PL094683.D
Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
Acq On : 13 Mar 2025 17:20
Operator : AR\AJ
Sample : PB167091BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

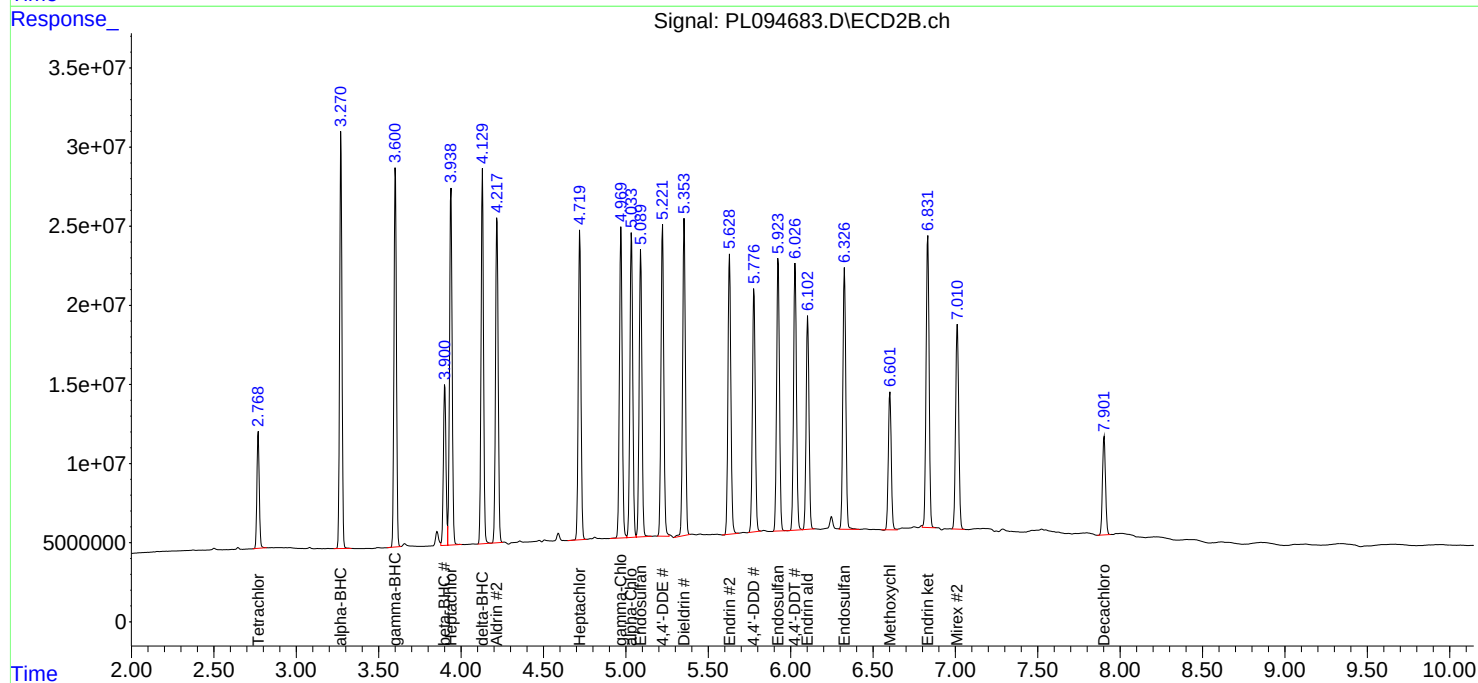
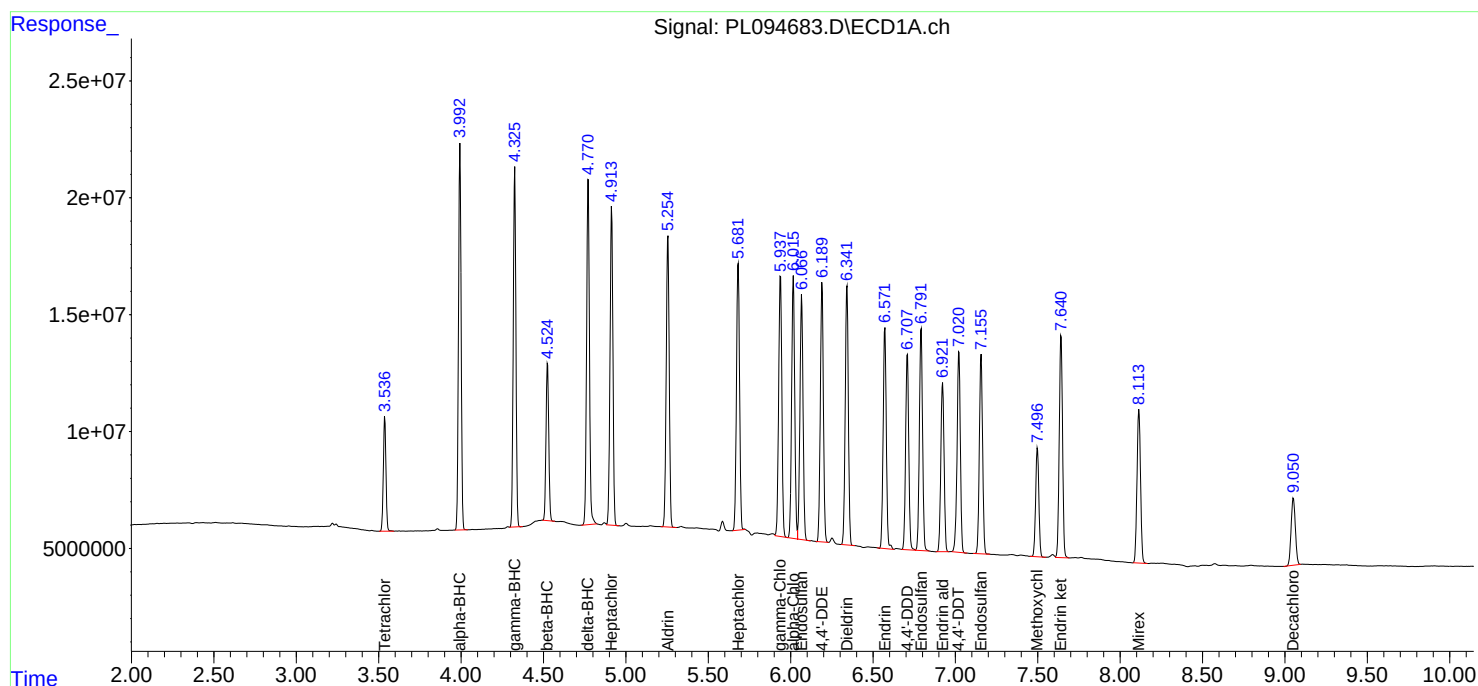
Instrument :
ECD_L
ClientSampleId :
PB167091BS

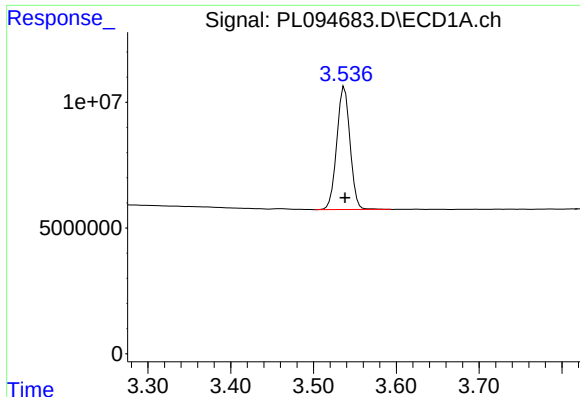
Manual Integrations
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Supervised By :mohammad ahmed 03/18/2025

Integration File signal 1: autoint1.e
Integration File signal 2: autoint2.e
Quant Time: Mar 14 11:12:23 2025
Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_L\methods\PL031125.M
Quant Title : GC Extractables
QLast Update : Tue Mar 11 17:42:21 2025
Response via : Initial Calibration
Integrator: ChemStation

Volume Inj. : 1 µl
Signal #1 Phase : ZB-MR1 Signal #2 Phase: ZB-MR2
Signal #1 Info : 30M x 0.32mm x0.5 Signal #2 Info : 30M x 0.32mm x0.25µm





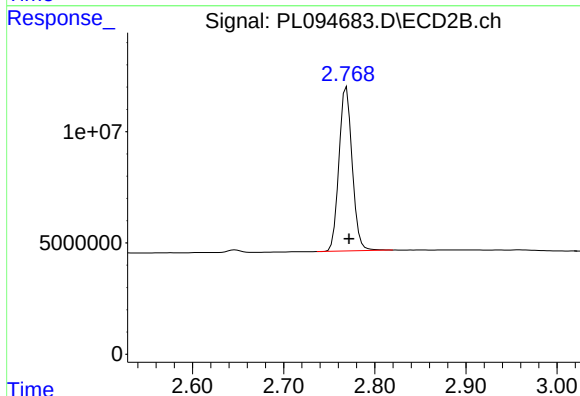
#1 Tetrachloro-m-xylene

R.T.: 3.537 min
Delta R.T.: 0.000 min
Response: 54396223
Conc: 19.22 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BS

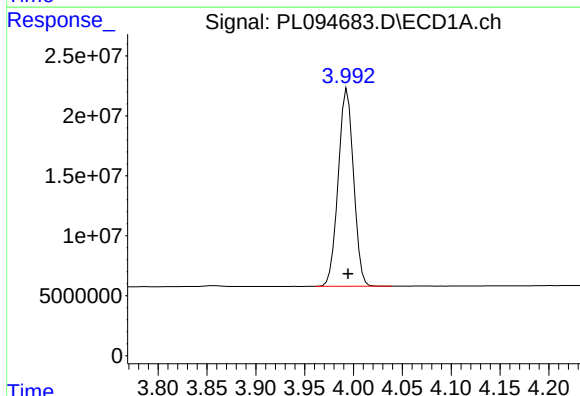
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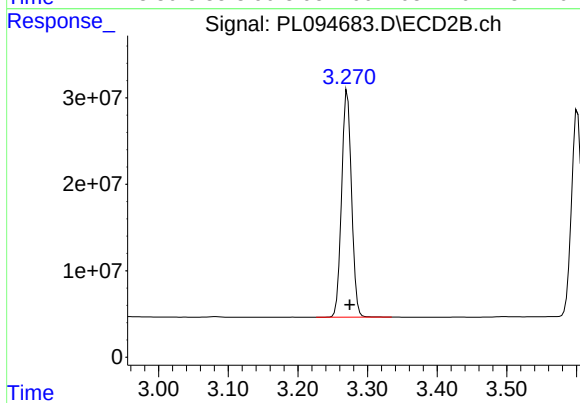
#1 Tetrachloro-m-xylene

R.T.: 2.769 min
Delta R.T.: -0.003 min
Response: 74071628
Conc: 20.75 ng/ml



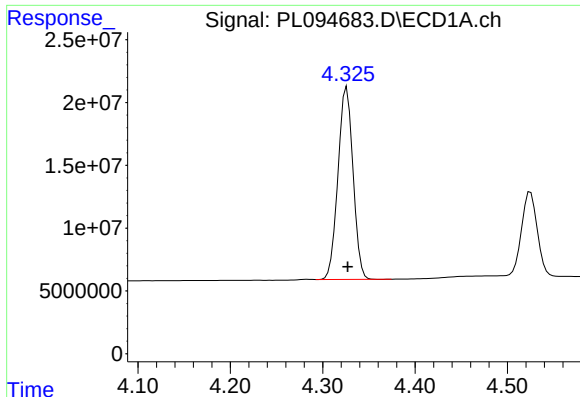
#2 alpha-BHC

R.T.: 3.994 min
Delta R.T.: 0.000 min
Response: 180293021
Conc: 43.42 ng/ml



#2 alpha-BHC

R.T.: 3.271 min
Delta R.T.: -0.003 min
Response: 259419191
Conc: 48.12 ng/ml



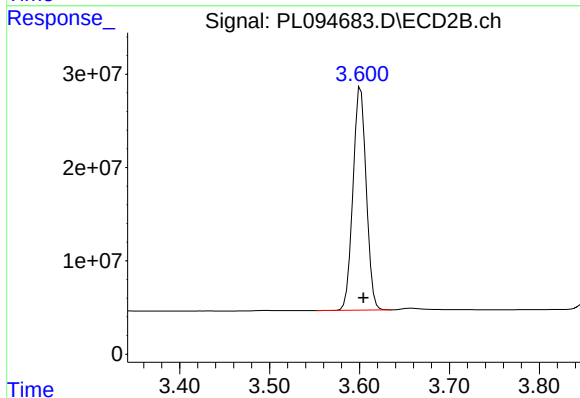
#3 gamma-BHC (Lindane)

R.T.: 4.326 min
Delta R.T.: 0.000 min
Response: 173501440
Conc: 43.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BS

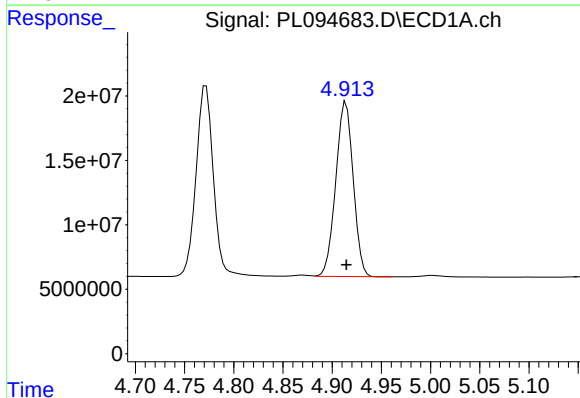
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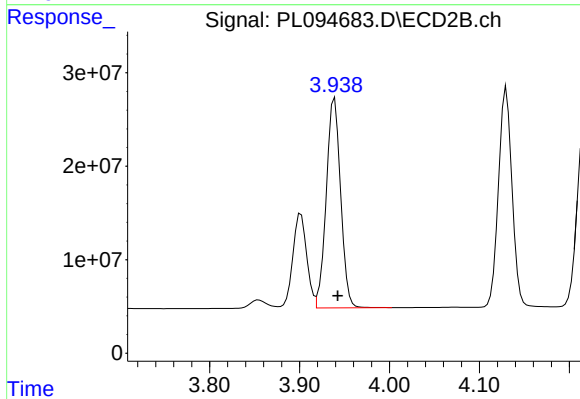
#3 gamma-BHC (Lindane)

R.T.: 3.601 min
Delta R.T.: -0.003 min
Response: 244422222
Conc: 47.56 ng/ml



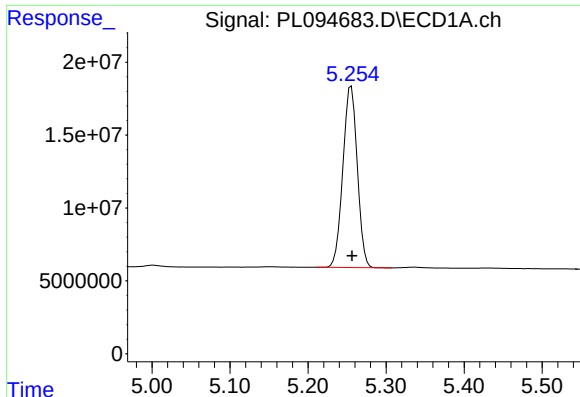
#4 Heptachlor

R.T.: 4.914 min
Delta R.T.: 0.000 min
Response: 166925254
Conc: 43.00 ng/ml



#4 Heptachlor

R.T.: 3.939 min
Delta R.T.: -0.003 min
Response: 249853988
Conc: 47.42 ng/ml



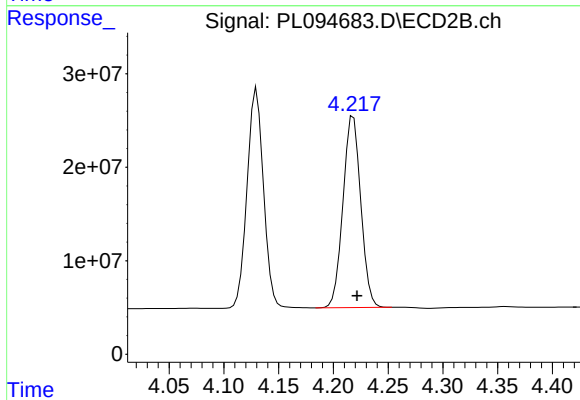
#5 Aldrin

R.T.: 5.255 min
Delta R.T.: 0.000 min
Response: 159034690
Conc: 43.07 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BS

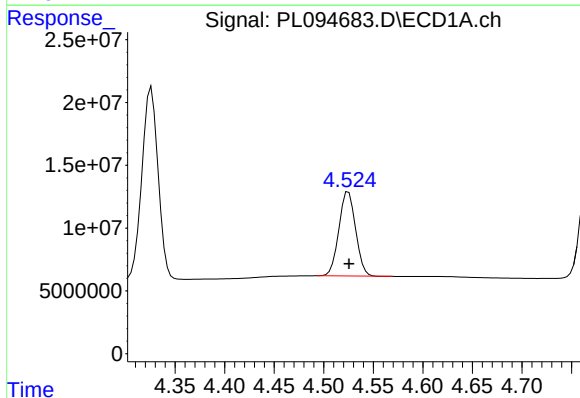
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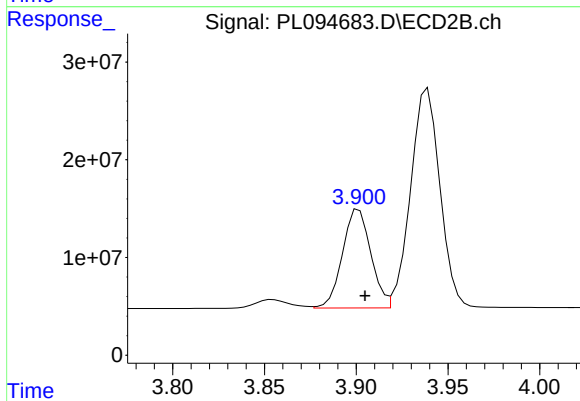
#5 Aldrin

R.T.: 4.218 min
Delta R.T.: -0.003 min
Response: 231618614
Conc: 47.50 ng/ml



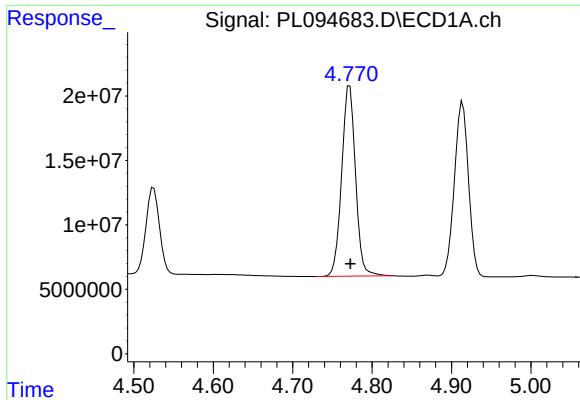
#6 beta-BHC

R.T.: 4.525 min
Delta R.T.: 0.000 min
Response: 78708436
Conc: 42.66 ng/ml



#6 beta-BHC

R.T.: 3.901 min
Delta R.T.: -0.003 min
Response: 108836701
Conc: 49.00 ng/ml



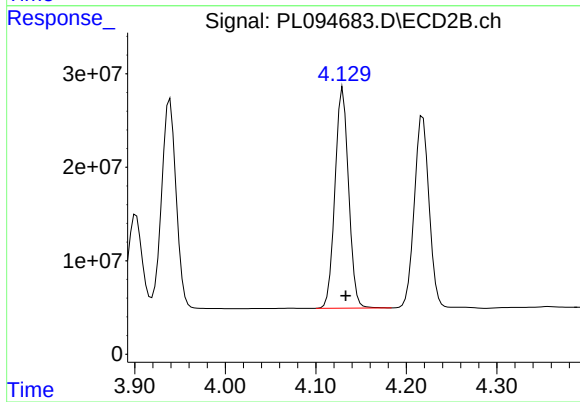
#7 delta-BHC

R.T.: 4.772 min
Delta R.T.: 0.000 min
Response: 179654551
Conc: 46.13 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BS

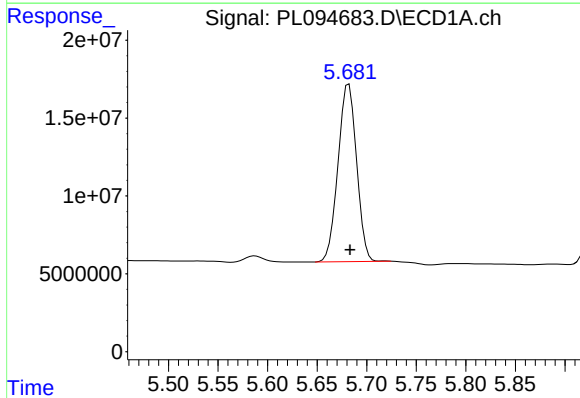
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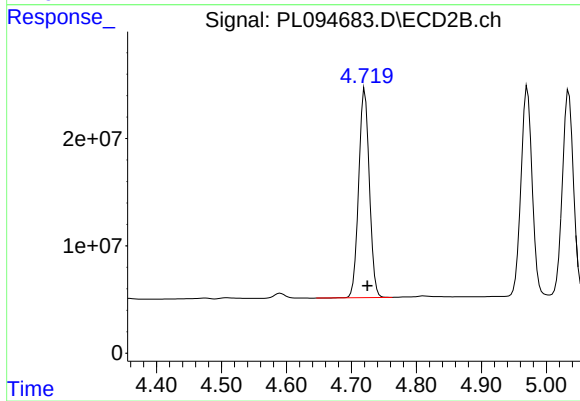
#7 delta-BHC

R.T.: 4.130 min
Delta R.T.: -0.003 min
Response: 245739241
Conc: 49.13 ng/ml



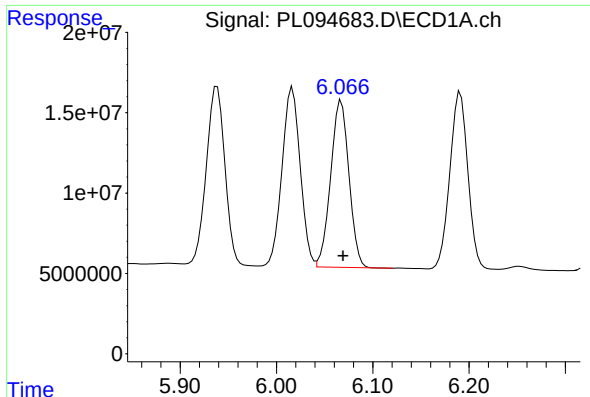
#8 Heptachlor epoxide

R.T.: 5.682 min
Delta R.T.: -0.001 min
Response: 148684035
Conc: 44.45 ng/ml



#8 Heptachlor epoxide

R.T.: 4.721 min
Delta R.T.: -0.004 min
Response: 221009314
Conc: 48.27 ng/ml



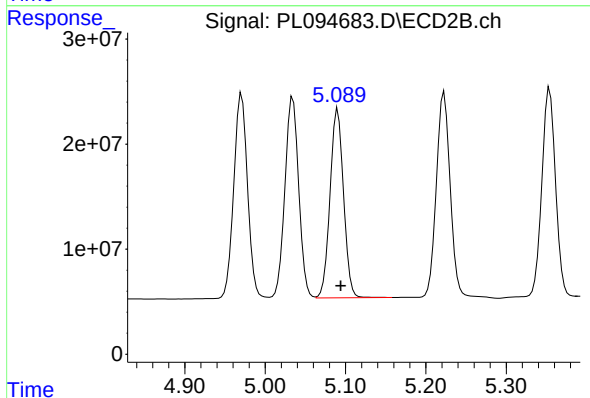
#9 Endosulfan I

R.T.: 6.067 min
Delta R.T.: -0.002 min
Response: 137176439
Conc: 44.68 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BS

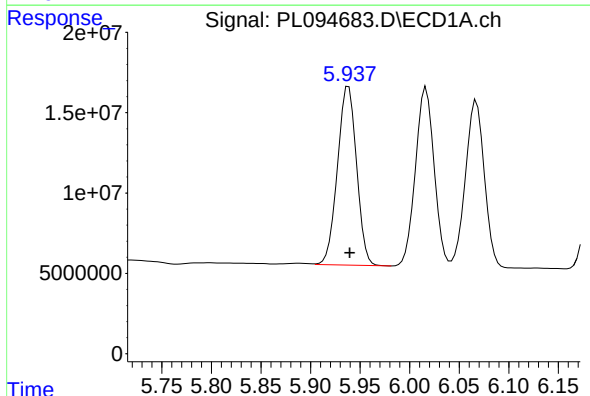
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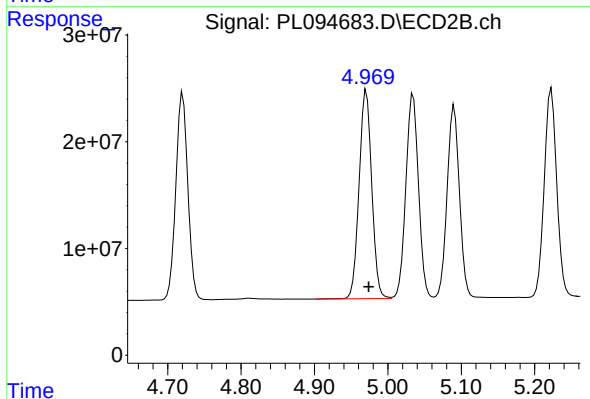
#9 Endosulfan I

R.T.: 5.090 min
Delta R.T.: -0.004 min
Response: 210726077
Conc: 48.02 ng/ml



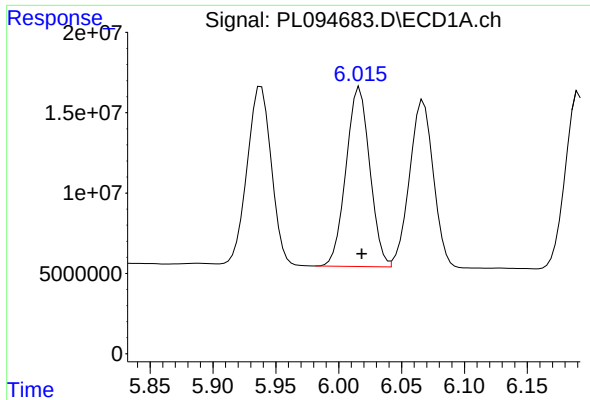
#10 gamma-Chlordane

R.T.: 5.938 min
Delta R.T.: -0.001 min
Response: 149464597
Conc: 44.36 ng/ml



#10 gamma-Chlordane

R.T.: 4.971 min
Delta R.T.: -0.003 min
Response: 233129978
Conc: 48.28 ng/ml



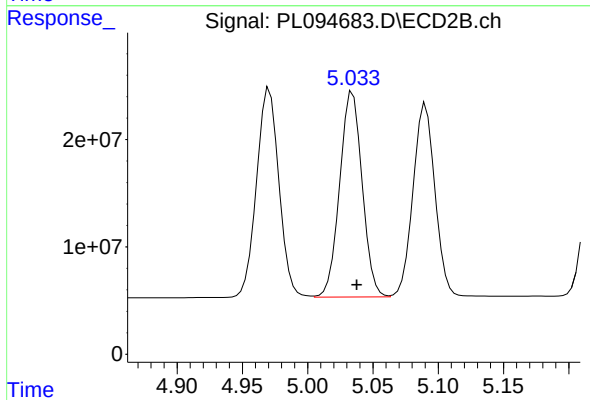
#11 alpha-Chlordane

R.T.: 6.017 min
Delta R.T.: -0.002 min
Response: 146653248
Conc: 44.48 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BS

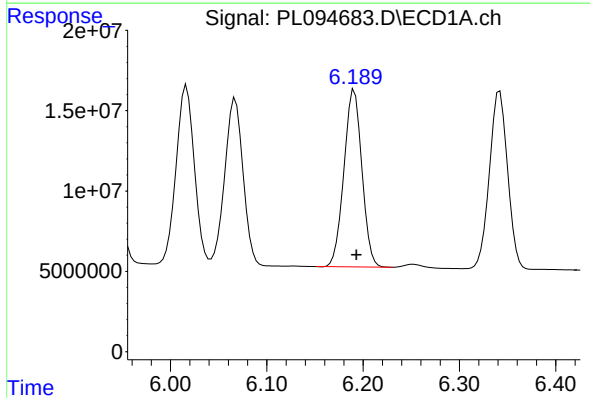
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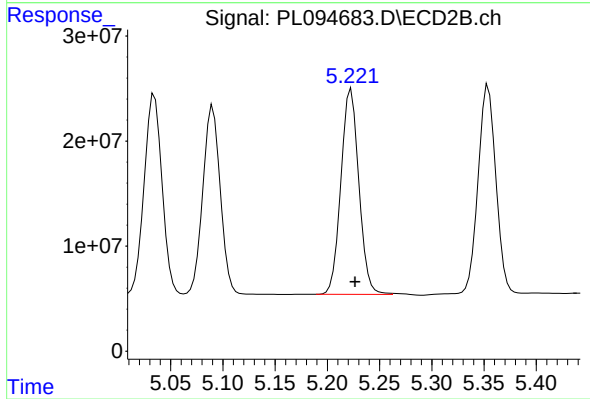
#11 alpha-Chlordane

R.T.: 5.034 min
Delta R.T.: -0.003 min
Response: 229318401
Conc: 48.05 ng/ml



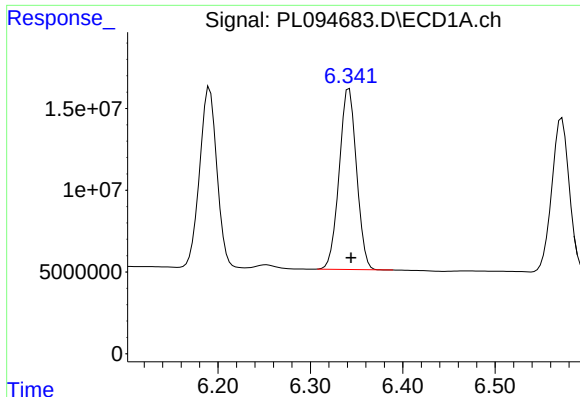
#12 4,4'-DDE

R.T.: 6.191 min
Delta R.T.: -0.002 min
Response: 142496757
Conc: 48.43 ng/ml



#12 4,4'-DDE

R.T.: 5.221 min
Delta R.T.: -0.005 min
Response: 233937634
Conc: 50.33 ng/ml m



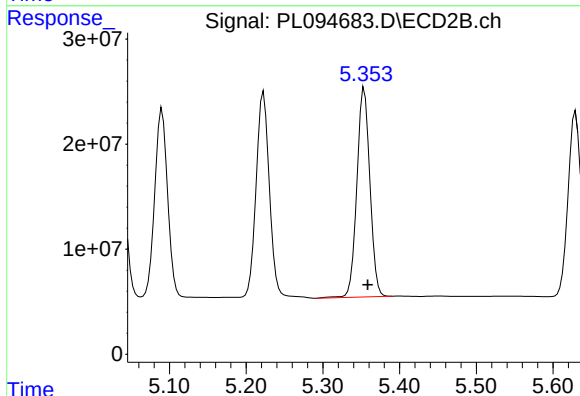
#13 Dieldrin

R.T.: 6.342 min
Delta R.T.: -0.002 min
Response: 144705913
Conc: 45.25 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BS

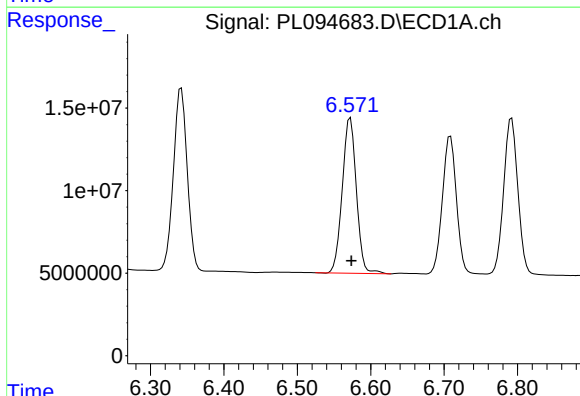
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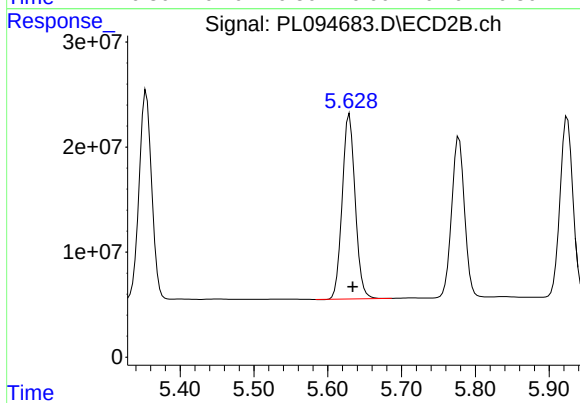
#13 Dieldrin

R.T.: 5.354 min
Delta R.T.: -0.004 min
Response: 236557838
Conc: 48.76 ng/ml



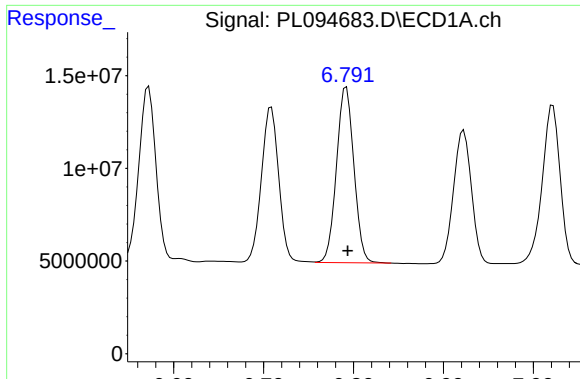
#14 Endrin

R.T.: 6.572 min
Delta R.T.: -0.001 min
Response: 125923635
Conc: 45.43 ng/ml



#14 Endrin

R.T.: 5.630 min
Delta R.T.: -0.004 min
Response: 214605754
Conc: 49.18 ng/ml



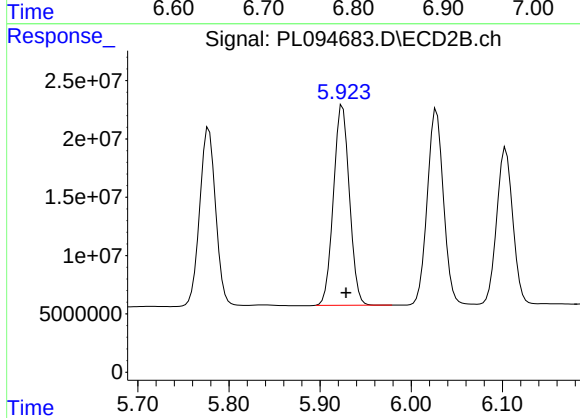
#15 Endosulfan II

R.T.: 6.792 min
Delta R.T.: -0.002 min
Response: 127628732
Conc: 47.01 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BS

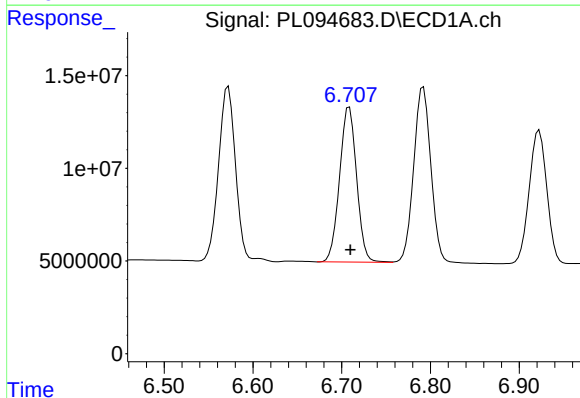
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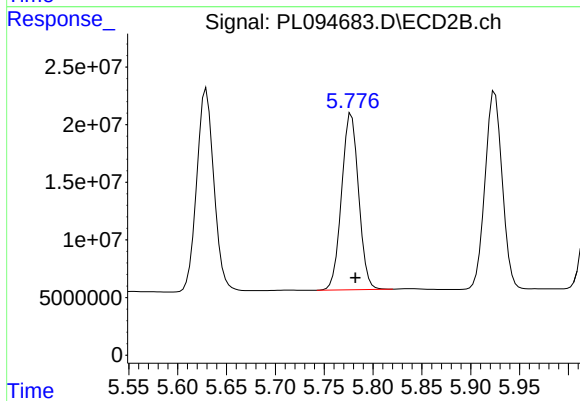
#15 Endosulfan II

R.T.: 5.925 min
Delta R.T.: -0.004 min
Response: 208870632
Conc: 48.26 ng/ml



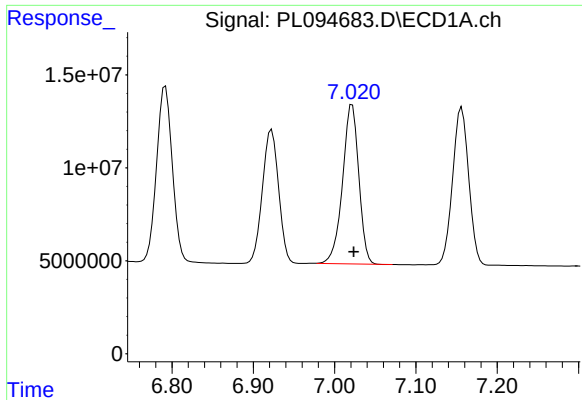
#16 4,4'-DDD

R.T.: 6.709 min
Delta R.T.: -0.001 min
Response: 111525824
Conc: 51.49 ng/ml



#16 4,4'-DDD

R.T.: 5.778 min
Delta R.T.: -0.004 min
Response: 185414027
Conc: 51.56 ng/ml



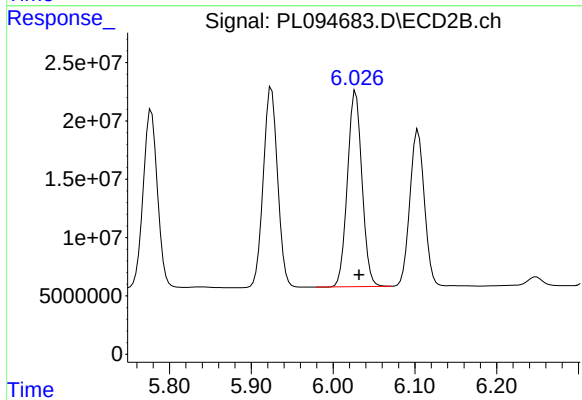
#17 4,4'-DDT

R.T.: 7.022 min
Delta R.T.: -0.002 min
Response: 118639442
Conc: 49.88 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BS

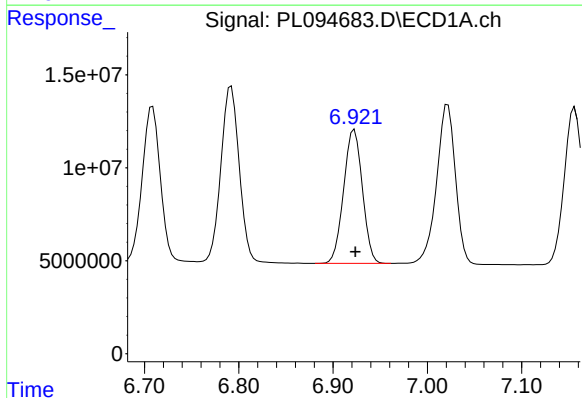
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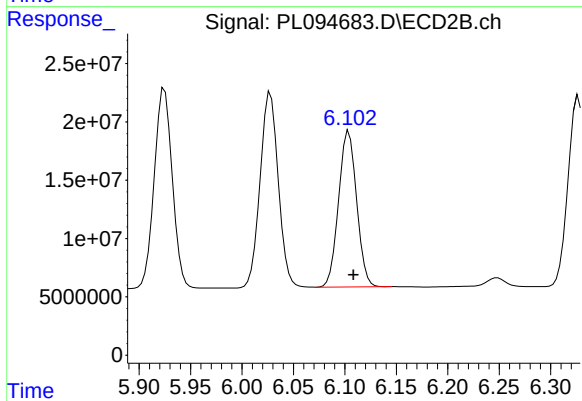
#17 4,4'-DDT

R.T.: 6.028 min
Delta R.T.: -0.004 min
Response: 206120549
Conc: 51.12 ng/ml



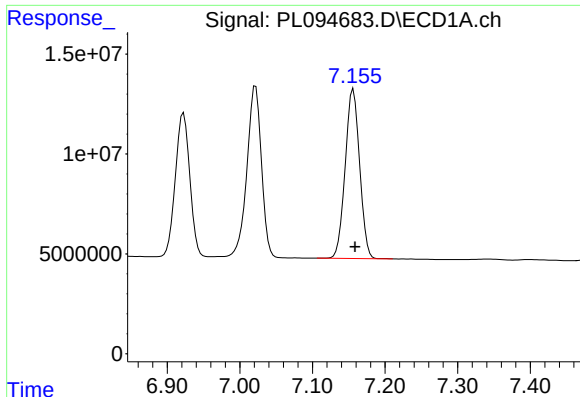
#18 Endrin aldehyde

R.T.: 6.923 min
Delta R.T.: -0.001 min
Response: 99371539
Conc: 47.07 ng/ml



#18 Endrin aldehyde

R.T.: 6.104 min
Delta R.T.: -0.004 min
Response: 163564858
Conc: 48.60 ng/ml



#19 Endosulfan Sulfate

R.T.: 7.156 min
Delta R.T.: -0.002 min
Response: 117166977
Conc: 48.18 ng/ml

Instrument :

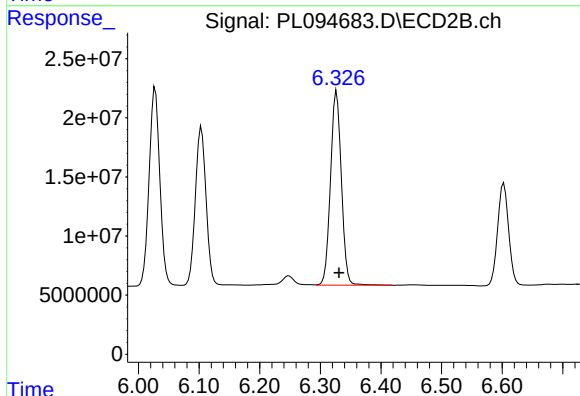
ECD_L

ClientSampleId :

PB167091BS

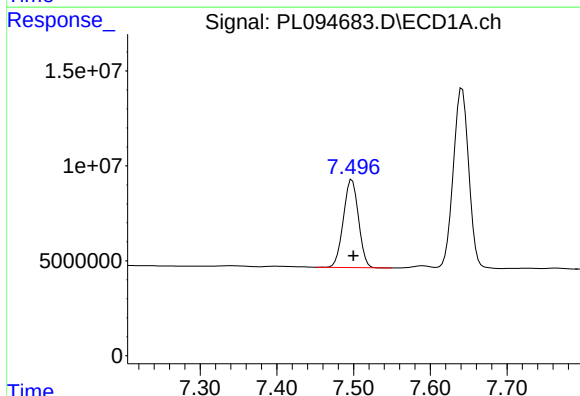
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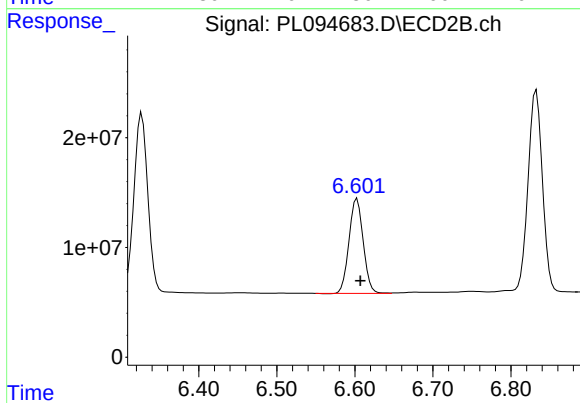
#19 Endosulfan Sulfate

R.T.: 6.327 min
Delta R.T.: -0.004 min
Response: 204802243
Conc: 50.28 ng/ml



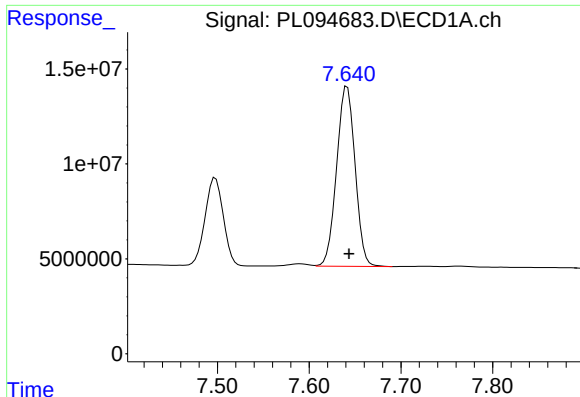
#20 Methoxychlor

R.T.: 7.498 min
Delta R.T.: -0.002 min
Response: 63553076
Conc: 53.09 ng/ml



#20 Methoxychlor

R.T.: 6.603 min
Delta R.T.: -0.004 min
Response: 109057528
Conc: 51.42 ng/ml



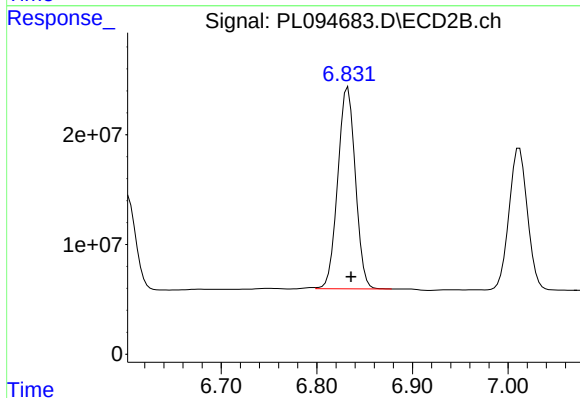
#21 Endrin ketone

R.T.: 7.642 min
Delta R.T.: -0.002 min
Response: 132547395
Conc: 50.15 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BS

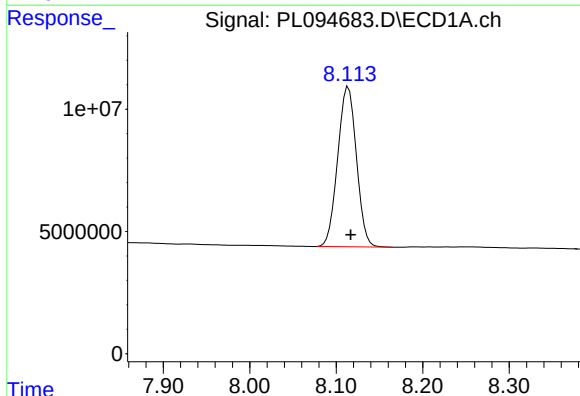
Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 03/14/2025
Supervised By :mohammad ahmed 03/18/2025



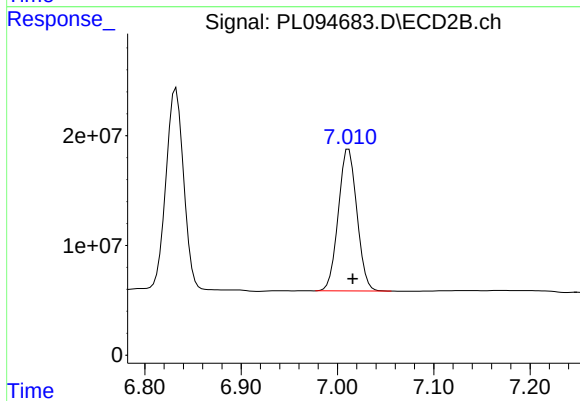
#21 Endrin ketone

R.T.: 6.831 min
Delta R.T.: -0.005 min
Response: 235063203
Conc: 49.25 ng/ml m



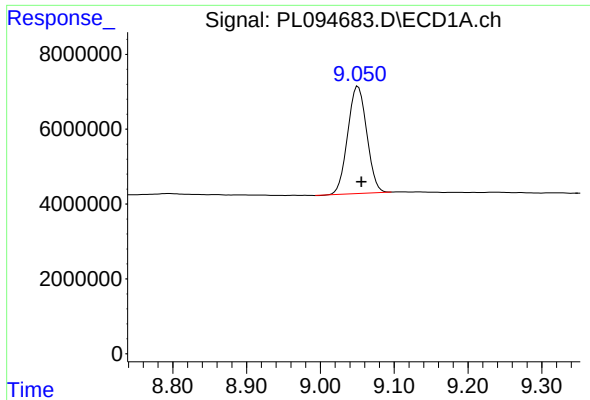
#22 Mirex

R.T.: 8.114 min
Delta R.T.: -0.003 min
Response: 98074894
Conc: 47.46 ng/ml



#22 Mirex

R.T.: 7.010 min
Delta R.T.: -0.005 min
Response: 173224700
Conc: 45.64 ng/ml m



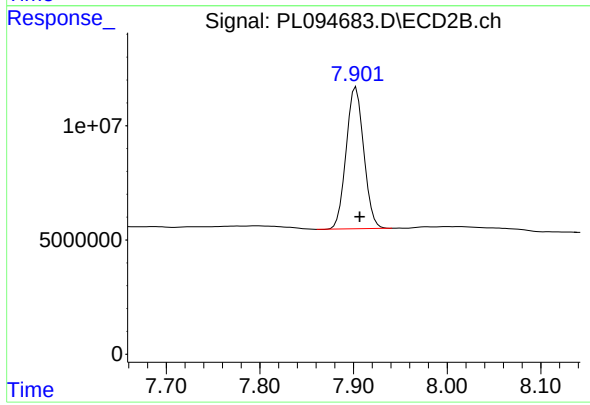
#28 Decachlorobiphenyl

R.T.: 9.051 min
Delta R.T.: -0.004 min
Response: 51398003
Conc: 24.39 ng/ml

Instrument :
ECD_L
ClientSampleId :
PB167091BS

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#28 Decachlorobiphenyl

R.T.: 7.903 min
Delta R.T.: -0.004 min
Response: 80936186
Conc: 20.04 ng/ml